

San Diego Area Water Reclamation Program

LOCATION: This project is located in San Diego County, California.

DESCRIPTION/JUSTIFICATION: Greater use of reclaimed water results in decreased dependency on potable imported water including water from the Colorado River. This project consisted of four units:

The San Diego Water Reclamation Project is a regional water reclamation program being implemented by the cities of San Diego and Poway, Sweetwater Authority, Otay Water District, County of San Diego, and Tia Juana Valley County Water District. The project provides for the construction of five new wastewater treatment plants, expansion of an existing plant, along with distribution systems, and two conjunctive use projects. Total system capacity upon completion will be approximately 57,116 acre-feet per year.

The Escondido Water Reclamation Project is being implemented by the City of Escondido to upgrade its Hale Avenue Resource Recovery Facility from secondary treatment to tertiary treatment. A distribution system that will put the recycled water to beneficial use for non-potable purposes is also being constructed. In addition, the City of San Diego is planning to upgrade and expand its San Pasqual Water Reclamation Plant, which will produce recycled water for non-potable uses, and for a possible conjunctive use project. A distribution system will also be constructed. Also, the City of Poway will construct a distribution system that will utilize recycled water from the San Pasqual plant. When completed, the three project components will deliver a total of approximately 11,200 acre-feet of recycled water annually.

The San Diego Water Repurification Project has been stopped by the City of San Diego, and the reclaimed water and funds that would have been used for this project are now included in the San Diego Water Reclamation Project.

The Padre Dam Municipal Water District Reclamation Project will upgrade and expand an existing water treatment plant and construct a distribution system that will deliver 2,000 acre-feet of recycled water annually.

AUTHORIZATION: P.L. 102-575 - Title XVI, Reclamation Wastewater and Groundwater Study and Facilities Act, October 30, 1992, and P.L. 104-266, Reclamation Recycling and Water Conservation Act of 1996, October 9, 1996.

COMPLETION DATA: As of September 30, 2000, this project is 29 percent complete.

San Diego Water Reclamation Project is scheduled for completion in 2010.

Escondido Water Reclamation Project will be complete in 2006. Project completion has been delayed two years from that shown in FY 2001 Budget Justifications due to a revised schedule from the City of San Diego for the San Pasqual component.

Padre Dam Municipal Water District Reclamation Project is scheduled for completion in 2004. Project completion has been delayed one year from that shown in FY 2001 Budget Justifications due to a revised

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schedule from the District for the second phase of this project.

SUMMARIZED FINANCIAL DATA

Program Financial Data

Activity	FY 2001	FY 2002
Water and Energy Management and Development	\$48,274,975	\$48,417,000
Total Program	\$48,274,975	\$48,417,000
Prior Year Funds	(14,975)	0
Non-Federal	(40,760,000)	(42,417,000)
Enacted	\$7,500,000	\$6,000,000
Underfinancing	(250,000)	0
FY 2001 Rescission (P.L. 106-554)	(16,000)	0
Total Reclamation Allotment	\$7,234,000	\$6,000,000

Total Construction Costs to be Allocated

	Total Estimated Cost	Total to 9/30/00	FY 2001	FY 2002	Balance to Complete
Reclamation	\$172,590,000	\$50,299,997	\$7,234,000	\$6,000,000	\$109,056,003
Adjustments <u>1/</u>	517,770,000	185,187,096	40,760,000	42,417,000	249,405,904
Total	\$690,360,000	\$235,487,093	\$47,994,000	\$48,417,000	\$358,461,907

1/ Includes cost-sharing of \$367,287,818 from the cities of San Diego and Poway, Sweetwater Authority, Otay Water District, county of San Diego, and/or Tia Juana Valley County Water District for the San Diego Water Reclamation Project; \$117,254,250 from the Cities of Escondido, Poway, and/or San Diego for the Escondido Water Reclamation Project; \$3,648,980 from the City of San Diego for the San Diego Water Repurification Project; and \$29,578,952 from Padre Dam Municipal Water District for the Padre Dam Municipal Water District Reclamation Project.

Construction Cost Allocation and Methodology

Allocation	FY 2001	FY 2002
Municipal and Industrial Water	\$690,360,000	\$690,360,000
Total	\$690,360,000	\$690,360,000

METHODOLOGY: The methodology of cost allocation has not been modified from last year.

APPROPRIATION CEILING: An appropriation ceiling was not included in the original authorizing legislation. P.L. 104-266, Reclamation Recycling and Water Conservation Act of 1996, imposed a ceiling of \$172,590,000. The comparable Federal obligation is \$172,590,000 which does not exceed the appropriation ceiling.

WORK PROPOSED FOR FY 2002:

Water and Energy Management and Development - San Diego Water Reclamation Project -

Continues work on design and construction of wastewater treatment plants and water distribution systems.

\$30,787,000

Non-Federal - Various

(26,787,000)

4,000,000

Escondido Water Reclamation Project - Continues work on construction of the treatment plant expansions and reclaimed water distribution systems.

16,030,000

Non-Federal - Cities of Escondido, Poway, and/or San Diego

(14,130,000)

1,900,000

Padre Dam Municipal Water District Reclamation Project - Continues work on design and construction for the second phase treatment plant expansion and reclaimed water distribution system.

1,600,000

Non-Federal - Padre Dam Municipal Water District

(1,500,000)

100,000

Subtotal, Water and Energy Management and Development

\$6,000,000

Reclamation Request

\$6,000,000

SEE APPENDIX FOR:

Benefit Cost Ratios as of October 1, 2001
Project Repayment for FY 2002
Status of NEPA Compliance